

Form PTO-1449

INFORMATION-DISCLOSURE

STATEMENT

Docket No: 112025-0174

Serial No. 09/535,810

Applicant: Silvano Gai et al.

Filed: March 28, 2000

Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
PN	4,071,887	01/31/78	Daly et al.	364	200	10/30/75
PN	4,543,630	09/24/85	Neches	364	200	04/19/84
PN	4,833,468	05/23/89	Larson et al.	340	825.800	10/14/87
PN	4,663,748	05/05/87	Karbowiak et al.	370	89	04/08/85
PN	4,754,395	06/28/88	Weisshaar et al.	364	200	05/06/85
PN	4,539,679	09/03/85	Bux et al.	370	88	11/23/83
PN	4,814,762	03/21/89	Franaszek	340	825.79	11/25/87
PN	4,704,680	11/03/87	Saxe	364	200	08/15/84
PN	4,747,130	05/24/88	Ho	379	269	12/17/83
PN	4,549,291	10/22/85	Renoulin et al.	370	89	09/09/83
PN	4,495,617	01/22/85	Ampulski et al.	370	86	09/09/82

## Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed

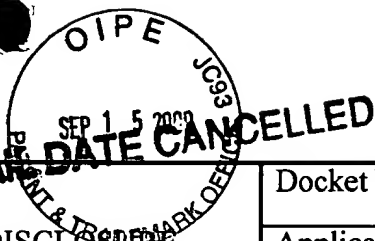
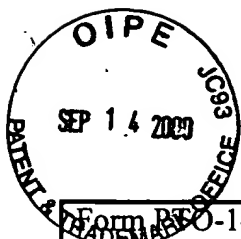
## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

PN	Computer Architecture <i>The Anatomy of Modern Processors</i> , Pipeline Hazards, world wide web page <a href="http://ciips.ee.uwa.edu.au/~morris/CA406/pipe_hazard.html">http://ciips.ee.uwa.edu.au/~morris/CA406/pipe_hazard.html</a> , 1999, pages 1-6.
PN	<i>Cisco Catalyst Workgroup Switch Version 3.0</i> , web, <a href="http://www.cisco.com/warp/public/558/16.html">http://www.cisco.com/warp/public/558/16.html</a> , pgs. 1-5.
PN	Cisco VLAN Roadmap, web, <a href="http://www.cisco.com/warp/public/538/7.html">http://www.cisco.com/warp/public/538/7.html</a> , pgs. 1-9.

Examiner:

Date Considered: 7/23/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



DATE CANCELLED

Form PTO-144 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
pn	4,805,167	02/14/89	Leslie et al.	370	84	07/29/87
pn	4,512,014	04/16/85	Binz et al.	370	84	08/06/80
pn	4,930,121	05/29/90	Shiobara	370	85.4	09/09/88
pn	4,713,807	12/15/87	Caves et al.	370	94	05/22/86
pn	4,709,364	11/24/87	Hasegawa et al.	370	85	07/25/85
pn	4,680,757	07/14/87	Murakami et al.	370	89	04/15/86
pn	4,609,920	09/02/86	Segarra	340	825.51	05/13/83
pn	4,604,742	08/05/86	Hamada et al.	370	89	04/11/84
pn	4,404,557	09/13/83	Grow	340	825.05	03/05/82
pn	4,530,091	07/16/85	Crockett	370	60	07/08/83
pn	4,677,614	06/30/87	Circo	370	86	02/15/83

## Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed

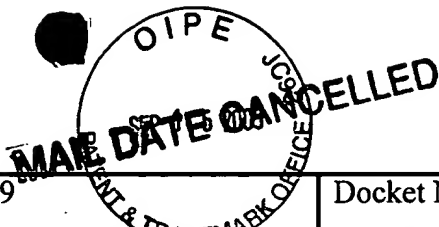
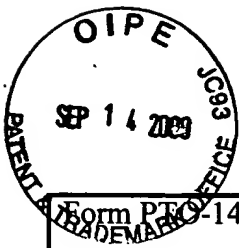
## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

pn	IAC (SM) Newsletter Database (TM) Communications Industry Researchers, Broadband Networks and Applications, copyright 1995 Information Access Company, a Thomson Corporation Company, Section No. 16, Vol. E; ISSN: 1059-0544, Headline, Cisco Announces New Fast Ethernet Interface, pgs. 2-3.
pn	IAC (SM) Newsletter Database (TM) Communications Industry Researchers, Broadband Networks and Applications, copyright 1995 Information Access Company, a Thomson Corporation Company, Section No. 16, Vol. 3; ISSN: 1059-0544, Headline, Cisco Announces Token-Ring Switching Products, pgs 4-5.
pn	Cisco 7000 Series Gains Fast Ethernet Interface, Becomes Only Router Family to Support Three High-Speed Network Types, web, <a href="http://www.cisco.com/warp/public/146/199.html">http://www.cisco.com/warp/public/146/199.html</a> pgs. 1-2.

Examiner:

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PT-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
pr	4,815,110	03/21/89	Benson et al.	375	107	03/09/87
pr	4,926,446	05/15/90	Grover et al.	375	109	11/25/88
pr	4,771,423	09/13/88	Ohya et al.	370	86	03/13/86
pr	4,536,876	08/20/85	Bahr et al.	370	86	02/10/84
pr	4,746,920	05/24/88	Nellen et al.	340	825.140	03/28/86
pr	4,590,554	05/20/86	Glazer et al.	364	200	11/23/82
pr	4,598,400	07/01/86	Hillis	370	60	11/15/84
pr	4,709,327	11/24/87	Hillis et al.	364	200	05/31/83
pr	4,773,038	09/20/88	Hillis et al.	364	900	02/24/86
pr	4,791,641	12/13/88	Hillis	371	38	09/25/86
pr	4,805,091	02/14/89	Thiel et al.	364	200	06/04/85

## Foreign Patent Documents

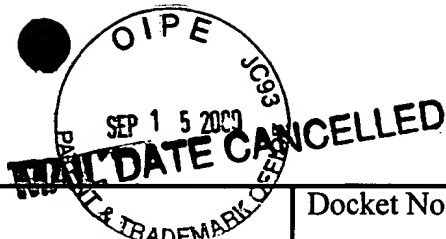
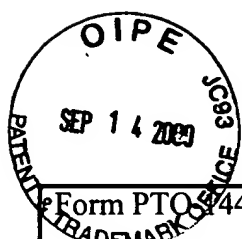
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

pr		ISL Functional Specification, web, <a href="http://www.cisco.com/warp/public/741/4.htm">http://www.cisco.com/warp/public/741/4.htm</a> , pgs. 1-4
pr		Cisco-Catalyst 5000 Software Release 2.1 Feature Set, web, <a href="http://www.cisco.com/warp/public/729/c5000/426_pp.htm">http://www.cisco.com/warp/public/729/c5000/426_pp.htm</a> , pgs. 1-9
pr		IEEE Standard Project P802.1Q, Draft Standard for Virtual Bridged Local Area Networks, Copyright by the Institute of Electrical and Electronics Engineers, Inc., February 28, 1997, pgs. 1-88.

Examiner: 	Date Considered: 7/03/03
---	--------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**DATE CANCELLED**

Form PTO 449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

### U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
22	4,809,202	02/28/89	Wolfram	364	578	12/27/85
22	4,870,568	09/26/89	Kahle et al.	364	200	06/25/86
22	4,922,486	05/01/90	Lidinsky et al.	370	60	03/31/88
22	4,949,239	08/14/90	Gillett, Jr. et al.	364	200	05/01/87
22	4,965,717	10/23/90	Cutts, Jr. et al.	364	200	12/13/88
22	4,993,028	02/12/91	Hillis	371	39.1	09/07/88
22	5,070,446	12/03/91	Salem	395	500	02/08/91
22	5,093,801	03/03/92	White et al.	364	726	07/06/90
22	5,111,198	05/05/92	Kuszmaul	340	825.52	12/18/90
22	5,113,510	05/12/92	Hillis	395	425	12/22/87
22	5,117,420	05/26/92	Hillis et al.	370	60	01/07/91

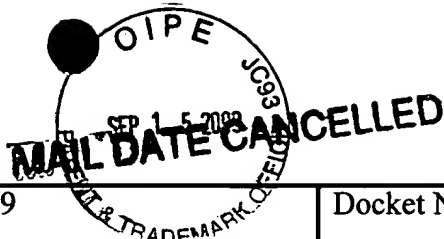
### Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed

### OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

22		Draft Standard P. 802.1Q/D10, IEEE Standards for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks, Copyright by the Institute of Electrical and Electronics Engineers, Inc., March 22, 1997, pgs.1-212.
22		ISL Configurations for Cisco IOS and the Catalyst 5000, web, <a href="http://www.cisco.com/warp/public/741/8.html">http://www.cisco.com/warp/public/741/8.html</a> , pgs. 1-8.
22		Dynamic Inter-Switch Link Protocol, 2.2 Configuration Note, pgs. 2-6.

Examiner:	Date Considered: 7/27/03
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
22	5,129,077	07/07/92	Hillis	395	500	01/16/90
22	5,148,547	09/15/92	Kahle et al.	395	800	05/17/91
22	5,151,996	09/29/92	Hillis	395	800	03/20/90
22	5,157,663	10/20/92	Major et al.	371	9.1	09/24/90
22	5,175,865	12/29/92	Hillis	395	800	07/01/91
22	5,212,773	05/18/93	Hillis	395	200	05/22/93
22	5,222,216	06/22/93	Parish et al.	395	275	07/12/91
22	5,222,237	06/22/93	Hillis	395	650	05/29/90
22	5,247,613	09/21/93	Bromley	395	200	05/28/90
22	5,247,694	09/21/93	Dahl	395	800	06/14/90
22	5,255,291	10/19/93	Holden et al.	375	111	01/14/88

## Foreign Patent Documents

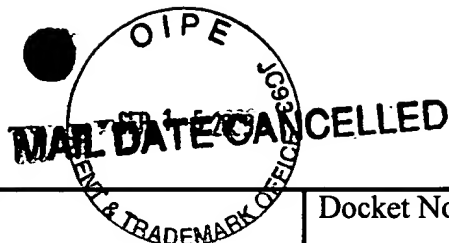
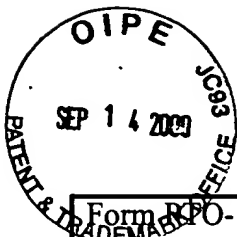
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

22		Virtual LANs, Catalyst 2820 Series and Catalyst 1900 Series Enterprise Edition Software Configuration Guide, Chapter 2, pgs.2-1 -- 2-49.
22		Configuring VTP and Virtual LANs, Catalyst 5000 Series Software Configuration Guide, Chapter 13, pgs.13-1 -- 13-24.
22		IEEE 1149.1 Device Architecture, <a href="http://www.asset-intertech.com/homepage/bscantutr/arch.htm">http://www.asset-intertech.com/homepage/bscantutr/arch.htm</a> , pp. 1-3, 1998

Examiner:	Date Considered: 7/23/03
-----------	--------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
22	5,261,105	11/09/93	Pottet et al.	395	725	05/04/90
22	5,265,207	11/23/93	Zak et al.	395	200	04/08/93
22	5,274,631	12/28/93	Bhardwaj	370	60	03/11/91
22	5,289,156	02/22/94	Ganmukhi	340	146.2	06/16/93
22	5,295,258	03/15/94	Jewett et al.	395	575	01/05/90
22	5,301,310	04/05/94	Isman et al.	395	575	02/07/91
22	5,317,726	05/31/94	Horst	395	575	06/26/91
22	5,355,492	10/11/94	Frankel et al.	395	700	11/05/91
22	5,357,612	10/18/94	Alaiwan	395	200	01/11/93
22	5,361,363	11/01/94	Wells et al.	395	800	08/16/91
22	5,367,692	11/22/94	Edelman	395	800	05/30/91

## Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed

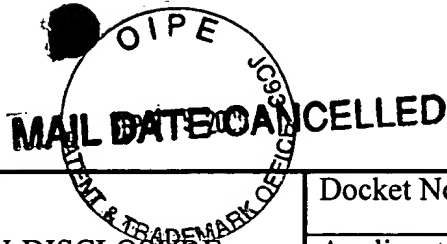
## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

22	IEEE 1149.1 Device Architecture (continued), Using the Instruction Register (IR), <a href="http://www.asset-intertech.com/homepage/bscantutr/arch2.htm#UsingIR">http://www.asset-intertech.com/homepage/bscantutr/arch2.htm#UsingIR</a> , pp. 1-4, 1998
22	The Principle of Boundary-Scan Architecture, <a href="http://www.asset-intertech.com/homepage/bscantutr/principl.htm">http://www.asset-intertech.com/homepage/bscantutr/principl.htm</a> , pp. 1-4, 1998
22	IEEE 1149.1 Device Architecture (continued), The Test Access Port (TAP), <a href="http://www.asset-intertech.com/homepage/bscantutr/arch3.htm#TAP">http://www.asset-intertech.com/homepage/bscantutr/arch3.htm#TAP</a> , pp. 1-3, 1998

Examiner:

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
<i>pn</i>	5,388,214	02/07/95	Leiserson et al.	395	200	01/14/94
<i>pn</i>	5,388,262	02/07/95	Hillis	395	650	04/26/93
<i>pn</i>	5,390,298	02/14/95	Kuszmaul et al.	395	200	01/14/94
<i>pn</i>	5,404,296	04/04/95	Moorhead	364	421	09/25/91
<i>pn</i>	5,404,562	04/04/95	Heller et al.	395	800	10/01/93
<i>pn</i>	5,410,723	04/25/95	Schmidt et al.	395	800	05/21/93
<i>pn</i>	5,455,932	10/03/95	Major et al.	395	489	10/20/92
<i>pn</i>	5,485,627	01/16/96	Hillis	395	800	12/28/92
<i>pn</i>	5,530,809	06/25/96	Douglas et al.	395	200.2	01/14/94
<i>pn</i>	5,535,408	07/09/96	Hillis	395	800	05/02/94
<i>pn</i>	5,561,669	10/01/96	Lenney et al.	370	60.1	10/26/94

## Foreign Patent Documents

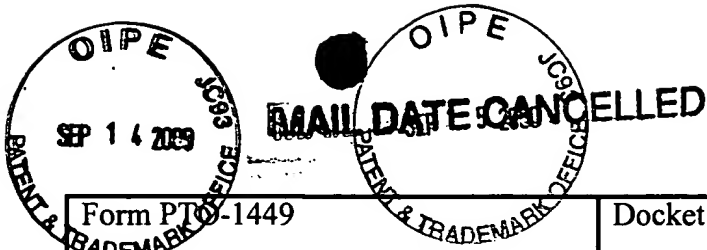
	Date	Country	Class	Subcl.

RECEIVED  
SEP 18 2000  
FED. MAIL ROOM

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.)

<i>pn</i>	Digital Systems Testing and Testable Design, Miron Abramovici, et al., Computer Science Press, pp. 342-409, Copyright 1990
<i>pn</i>	World Wide Web page <a href="http://www.synopsys.com/products/analysis/primetime_ds.html">http://www.synopsys.com/products/analysis/primetime_ds.html</a> , Prime Time, July 12, 1999, pages 1-7.
<i>pn</i>	World Wide Web page <a href="http://www.synopsys.com/products/analysis/primetime_cs.html">http://www.synopsys.com/products/analysis/primetime_cs.html</a> , Prime Time: Full-Chip, Gate-Level Static Timing Analysis, July 12, 1999, pages 1-2.

Examiner: <i>[Signature]</i>	Date Considered: <i>8/28/02</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Form PT 09-1449	Docket No: 112025-0174	Serial No. 09/535,810
INFORMATION-DISCLOSURE	Applicant: Silvano Gai et al.	
STATEMENT	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
2	5,617,538	04/01/97	Heller	395	200.02	05/26/94
2	5,621,885	04/15/97	Del Vigna, Jr.	395	182.11	06/07/95
2	5,627,965	05/06/97	Liddell et al.	395	185.01	10/27/94
2	5,673,423	09/30/97	Hillis	395	553	11/23/94
2	5,710,814	01/20/98	Klemba et al.	380	9	07/23/96
2	5,742,604	04/21/98	Edsall et al.	370	401	03/28/96
2	5,751,955	05/12/98	Sonnier et al.	395	200.19	06/07/95
2	5,764,636	06/09/98	Edsall	370	401	03/28/96
2	5,787,255	07/28/98	Parlan et al.	395	200.63	04/12/96
2	5,838,915	11/17/98	Klausmeier et al.	395	200.45	11/17/97

## Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed

RECEIVED  
SEP 8 2000  
MAIL ROOM

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

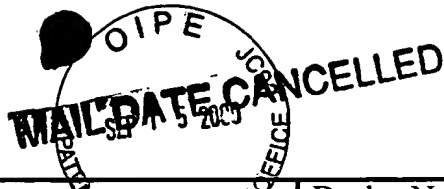
2	World Wide Web page <a href="http://www.synopsys.com/products/analysis/sta_wp.html">http://www.synopsys.com/products/analysis/sta_wp.html</a> , <i>Static Timing Verification: Methodology Overview</i> , July 12, 1999, pages 1-13.
2	World Wide Web page <a href="http://www.synopsys.com/products/analysis/pt_tech_bgr.html">http://www.synopsys.com/products/analysis/pt_tech_bgr.html</a> , <i>Prime Time Full-Chip Static Timing Analyzer</i> , July 12, 1999, pages 1-17.
2	Pankaj Gupta and Nick McKeown, Packet Classification on Multiple Fields

Examiner:

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
22	5,331,637	07/19/94	Francis et al.	370	54	07/30/93
22	5,353,283	10/04/94	Tsuchiya	370	60	05/28/93
22	5,442,633	08/15/95	Perkins et al.	370	94.1	07/08/92
22	5,583,996	12/10/96	Tsuchiya	395	200.15	03/16/93
22	5,600,644	02/04/97	Chang et al.	370	404	03/10/95
22	5,633,866	05/27/97	Callon	370	397	08/19/96
22	5,818,842	10/06/98	Burwell et al.	370	397	09/16/96
22	5,828,844	10/27/98	Civanlar et al.	395	200.58	10/08/96
22	5,898,686	04/27/99	Virgile	370	381	12/13/96
22	5,909,441	06/01/99	Alexander, Jr. et al.	370	395	04/11/97
22	5,909,550	06/01/99	Shankar et al.	395	200.57	10/16/96

## Foreign Patent Documents

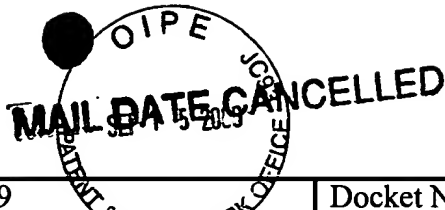
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

22	Dawson R. Engler and M. Frans Kaashoek, DPF: Fast, Flexible Message Demultiplexing using Dynamic Code Generation, 1996, pgs. 53-59
22	T.V. Lakshman and D. Stiliadis, High-Speed Policy-based Packet Forwarding Using Efficient Multi-dimensional Range Matching, 1998, pgs. 203-214

Examiner:	Date Considered: 8/23/03
-----------	--------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PCTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
<i>pn</i>	5,500,860	03/19/96	Perlman et al	370	85.13	06/14/91
<i>pn</i>	5,796,740	8/18/98	Perlman et al	370	401	5/28/97
<i>pn</i>	4,864,559	9/05/89	Perlman	370	60	09/27/88
<i>pn</i>	5,027,350	6/25/91	Marshall	370	85.13	10/18/89
<i>pn</i>	5,088,032	2/11/92	Bosack	395	200	01/29/88
<i>pn</i>	5,361,256	11/01/94	Doeringer et al	370	60	05/27/93
<i>pn</i>	5,394,402	2/28/95	Ross	370	94.1	06/10/94
<i>pn</i>	5,414,704	5/09/95	Spinney	370	60	04/05/94
<i>pn</i>	5,511,168	4/23/96	Perlman et al	395	200.15	07/1/93
<i>pn</i>	5,612,959	03/18/97	Takase et al	370	390	07/06/93
<i>pn</i>	5,617,421	04/01/97	Chin et al	370	402	06/17/94

## Foreign Patent Documents

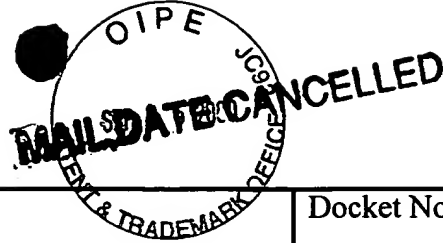
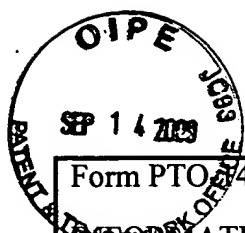
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)


RECEIVED  
SEP 18 2000  
TC 2100 MAIL ROOM

Examiner: <i>[Signature]</i>	Date Considered: <i>2/23/03</i>
------------------------------	---------------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO 449	Docket No: 112025-0174	Serial No. 09/535,810
INFORMATION-DISCLOSURE	Applicant: Silvano Gai et al.	
STATEMENT	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
PN	5,633,858	05/27/97	Chang et al	370	255	02/29/96
PN	5,684,800	11/04/97	Dobbins et al	370	401	11/15/95
PN	5,740,171	04/14/98	Mazzola et al	370	392	03/28/96
PN	5,742,604	04/21/98	Edsall et al	370	401	03/28/96
PN	5,764,636	06/09/98	Edsall	370	401	03/28/96
PN	5,018,137	05/21/91	Backes et al	370	85.13	10/16/90
PT	5,359,592	10/25/94	Corbalis et al.			
PN	5,280,470	1/18/94	Buhrke et al.			
PN	5,224,099	6/29/93	Corbalis et al.			
PN	5,014,265	5/7/91	Hahne et al.			
PN	5,796,732	8/18/98	Mazzola et al.			

## Foreign Patent Documents

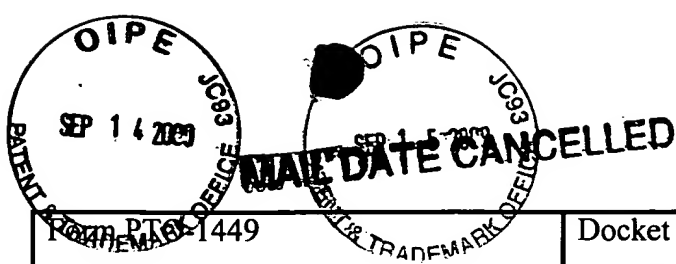
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)


RECEIVED  
SEP 18 2000  
JC 2700 MAIL ROOM

Examiner:	Date Considered: 9/23/03
-----------	--------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Patent No. 1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
2	5,568,380	10/22/96	Brodnax et al.	364	184	08/30/93
2	5,325,487	06/28/94	Au et al.	395	250	08/14/90
2	4,954,988	09/04/90	Robb	365	189.02	10/28/88
2	5,872,963	02/16/99	Bitar et al.	395	580	02/18/97
2	5,748,936	05/05/98	Karp et al.	395	394	05/30/96
2	5,787,243	07/28/98	Stiffler	395	182.11	07/02/96
2	5,812,811	09/22/98	Dubey et al.	395	392	02/03/95
2	5,349,680	09/20/94	Fukuoka	395	800	10/31/91
2	4,922,418	05/01/90	Dolecek	364	200	01/15/88
2	4,954,988	09/04/90	Robb	365	189.02	10/28/88
2	5,325,487	06/28/94	Au et al.	395	250	08/14/90

## Foreign Patent Documents

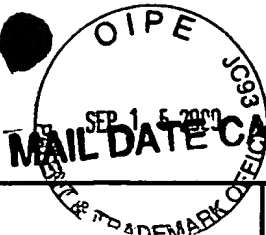
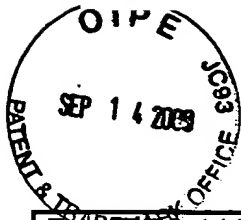
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)


RECEIVED  
SEP 18 2000  
JC 2700 MAIL ROOM

Examiner:	Date Considered: 7/21/03
-----------	--------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
2	5,349,680	09/20/94	Fukuoka	395	800	10/31/91
2	5,475,856	12/12/95	Kogge	395	800	10/17/94
2	5,568,380	10/22/96	Brodnax et al.	364	184	08/30/93
2	5,613,136	03/18/97	Casavant et al.	395	800	10/29/93
2	5,748,963	05/05/98	Karp et al.	395	394	05/30/96
2	5,781,753	07/14/98	McFarland et al.	395	394	03/13/95
2	5,787,243	07/28/98	Stiffler	395	182.11	07/02/96
2	5,812,811	09/22/98	Dubey et al.	395	392	02/03/95
2	5,832,291	11/03/98	Rosen et al.	395	800.11	12/15/95
2	5,860,086	01/12/99	Crump et al.	711	109	06/04/97
2	5,872,963	02/16/99	Bitar et al.	395	580	02/18/97

## Foreign Patent Documents

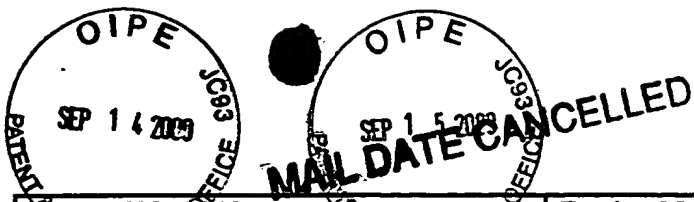
	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)


RECEIVED  
 SEP 18 2000  
 TC 2700 MAIL ROOM

Examiner: 	Date Considered: 7/23/03
---	--------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 112025-0174	Serial No. 09/535,810
	Applicant: Silvano Gai et al.	
	Filed: March 28, 2000	Group Not Yet Assigned

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
✓	5,960,211	09/28/99	Schwartz et al.	395	800.22	12/15/95
✓	6,035,422	03/07/2000	Hohl et al.	714	35	05/15/97
✓	5,953,512	09/14/99	Cai et al.	395	381	12/29/97
✓	5,499,384	03/12/96	Lentz et al.	395	821	12/31/92
✓	5,440,752	08/08/95	Lentz et al.	395	800	07/08/91
✓	5,428,761	06/27/95	Herlihy et al.	395	425	03/12/92
✓	5,067,078	11/19/91	Talgam et al.	395	400	04/17/89
✓	5,566,170	10/15/96	Bakke et al.	370	60	12/29/94
✓	5,941,988	08/24/99	Bhagwat et al.	713	201	06/27/97
✓	5,781,715	07/14/98	Sheu	395	182.02	10/13/92
✓	6,067,569	05/23/00	Khaki et al.	709	224	07/10/97

## Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed

## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

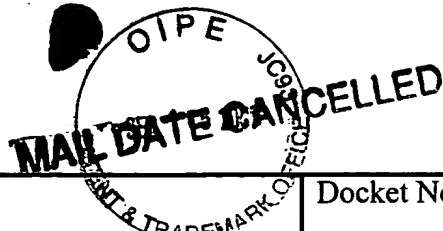
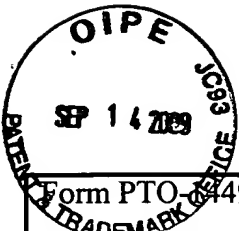

Examiner:

Date Considered:

7/29/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED  
SEP 18 2000  
TC 2700 MAIL ROOM



Form PTO-449

INFORMATION-DISCLOSURE

STATEMENT

Docket No: 112025-0174

Serial No. 09/535,810

Applicant: Silvano Gai et al.

Filed: March 28, 2000

Group Not Yet Assigned

U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
1	5,027,350	6/25/91	Marshall	370	85.13	10/18/89
2	5,852,607	12/22/98	Chin	370	401	2/26/97
3	5,473,607	12/5/95	Hausman, et al.	370	85.13	8/9/93

Foreign Patent Documents

Date	Country	Class	Subcl.	Filed

OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)


RECEIVED  
SEP 18 2000  
10:21 AM MAIL ROOM

Examiner:

Date Considered:

7/13/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Institute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

## **Complete if Known**

Application Number	09/535,810
Filing Date	March 28, 2000
First Named Inventor	Silvano Gai et al.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	112025-0174

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PN		Application Prioritization, Top Layer Networks, Inc., (c) 1999, pp.1-8	
PN		Application Control, Top Layer Networks, Inc., (c) 1999, pp.1-8	
PN		Classifying Custom Applications with 7 Layer Application Control, Top Layer Networks, Inc., (c) 1999, pp.1-8	
PN		Custom ASIC Design Enables 7 Layer Application Control, Top Layer Networks, Inc., (c) 1999, pp.1-5	
PN		Implementing Qos for Business Driven Networks, Top Layer Networks, Inc., (c) 1999, pp.1-7	
PN		AppSwitch Data Sheet, Top Layer Networks, Inc., (c) 1999, pp.1-8	
PN		The Need for Classifying Applications Using 7 Layer Application Control, Top Layer Networks, Inc., (c) 1999, pp.1-19	
PN		Press Release-Data Communications and Internetweek Editors Name Top Layer Networks' "App Switch" A Winner of the Best of Show Awards at Networld + Interop 99 Las Vegas, Top layer Networks, Inc., (c) 1999, pp. 1-2	
PN		WALLACE, BOB, Load Balancing, <a href="http://www.computerworld.com/home/features.nf">http://www.computerworld.com/home/features.nf</a> , ComputerWorld, (c) 1999, pp. 1-4	
PN		Foundry Networks Announces Net Generation Layer 4-7 Products, <a href="http://biz.yahoo.com/991115/ca_foundry_1.html">http://biz.yahoo.com/991115/ca_foundry_1.html</a> , Business Wire, (c) 1994-1999, pp. 1-3	
PN		CURTONE, VIC, AppSwitch Does Layer 7 Switching, Network Computing, May 3, 1999, pp. 1-3	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

### Complete if Known

Application Number	09/535,810
Filing Date	March 28, 2000
First Named Inventor	Silvano Gai et al.
Group Art Unit	2739
Examiner Name	Not Yet Assigned
Attorney Docket Number	112025-0174

RECEIVED  
JUN 15 2001  
Technology Center 2600

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
pn		Layer 4 Switching: Unraveling the 'Vendorspeak', <a href="http://www.networking.com/shared/pr...cle?">http://www.networking.com/shared/pr...cle?</a> , Cisco Engineers, May 3, 1999, pp. 1-3	
pn		Regex, <a href="http://www.cs.utah.edu/dept/old/textinfo/regez">http://www.cs.utah.edu/dept/old/textinfo/regez</a> , (c) 1992, pp. 1035	
pn		Perl5 Regular Expression Description, <a href="http://language.perl.com/all_about/regexps.html">http://language.perl.com/all_about/regexps.html</a> , (c) 1994-1996, pp. 1-14	
pn		Perl Regular Expression Tutorial, <a href="http://www.meurrens.org/ip-Links/Java/regex/Perl/regex2a.html">http://www.meurrens.org/ip-Links/Java/regex/Perl/regex2a.html</a> , (c) 1994-1996, pp. 1-8	

RECEIVED  
JUN 19 2001  
Technology Center 2100

Examiner  
Signature

Date  
Considered

7/23/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.